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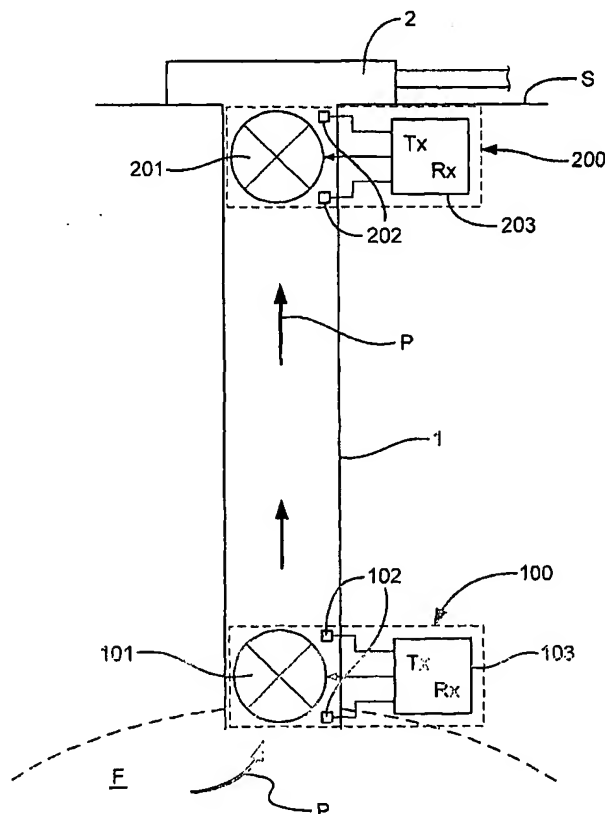
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[Continued on next page]

- (54) Title:** Downhole Data Communication



**(57) Abstract:** A data communication technique for use in producing wells. Signals are transmitted through the product (p) by varying and monitoring flow rate at respective ends of the communication channel. At low data rates robust communication can be provided.



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